

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) An arrangement for manufacturing a PET bottle having a handle formed on a body, comprising:

a preform blow mold for blowing air into a PET preform manufactured by injection molding to expand the PET preform in a predetermined ratio to a complete shape so as to allow a handle section to be compressed;

a handle forming apparatus for compressing both sides of the PET bottle to form the handle section;

a cutting apparatus for cutting off the compressed portion of the handle section of the PET bottle compressed by the handle forming apparatus;

a bonding apparatus for bonding a cut-off portion remaining in the handle section of the PET bottle after cutting off the compressed portion of the handle section of the PET bottle; and

a bottle-shaped blow mold having a handle forming portion of which the opposing two parts are configured to meet each other when they penetrate the body of the PET bottle through the cut-off aperture of the handle section for embedding a bonded cut-off portion remaining in the handle section into the PET bottle.

2. (Previously presented) The arrangement of claim 1, wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section.

3. (Previously presented) The arrangement of claim 1, wherein the cutting apparatus includes a mold punch which has a heater installed on an end.

4-5. (Canceled)

6. (Currently amended) A method of manufacturing a PET bottle having a handle formed on a body, comprising the steps of:

a) performing a blowing operation to blow compressed air into a preform manufactured by injection molding in order to form a first hollow PET container after mounting the preform to a preform blow mold;

b) compressing a handle section with a handle forming apparatus in order to form a second PET container having a handle section formed on a predetermined area of the second PET container;

c) cutting off a compressed portion of the handle section of the second PET container in order to form a third PET container;

d) bonding a cut-off portion remaining in the handle section of the third PET container after the step c) to a predetermined thickness, forming a fourth PET container; and

e) blowing compressed air into the fourth PET container in order to form a fifth PET container[[,]] having the bonded cut-off portion of the handle section~~which is~~ embedded into the PET container, wherein the fifth PET container is formed by~~after~~ mounting the fourth PET container to a bottle-shaped blow mold having a handle forming portion of which the opposing two parts are configured to meet each other when they penetrate the body of the fourth PET container through the cut-off aperture of the handle section.

7. (Canceled)

8. (Previously presented) The method of claim 6, wherein, when the second PET container has a large thickness, the step c) is performed by use of a mold punch having a heater installed on an end.

9-10. (Canceled)

11. (Previously presented) The method of claim 6, wherein the bonding process of the step d) is preformed through insert injection molding in a insert injection mold.

12-21. (Canceled)

22. (Currently amended) An arrangement for manufacturing a PET bottle having a handle formed on a body through injection molding from a preform manufactured by injection molding, comprising at least:

a bonding apparatus for bonding a cut-off portion remaining in a handle section after cutting off a compressed portion of the handle section of the PET bottle which was stretched by blowing previously; and

a bottle-shaped blow mold for embedding a bonded cut-off portion remaining in the handle section into the PET bottle, having a handle forming portion of which the opposing two parts are configured to meet each other when they penetrate the body of the bottle through the cut-off aperture of the handle section.

23. (Currently amended) A method of manufacturing a PET bottle having a handle formed on a body through injection blow molding from a preform manufactured by injection molding, comprising at least the steps of:

a) bonding a cut-off portion remaining in the handle section after cutting off a compressed portion of the handle section of the PET bottle which was stretched by blowing previously;

b) mounting the PET container of step a) to a bottle-shaped blow mold having a handle forming portion of which the opposing two parts are configured to meet each other when they penetrate the body of the PET container through the cut-off aperture of the handle section; and

c) blowing compressed air into the PET container of step b) in order to form a PET container, wherein the bonded cut-off portion in the handle section of which is embedded into the PET container, thereby avoiding a handle with a protruding seam and making the handle more comfortable to a user.

24. (Previously presented) The arrangement of claim 22, wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section.

25. (Previously presented) The method of claim 23, wherein the bonding process of the step a) comprising:

compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off a compressed portion of the handle section with a compressing member included in a insert injection mold; and

bonding ends of the cut-off portion to each other by insert injection with the insert injection mold.